

FIG-5

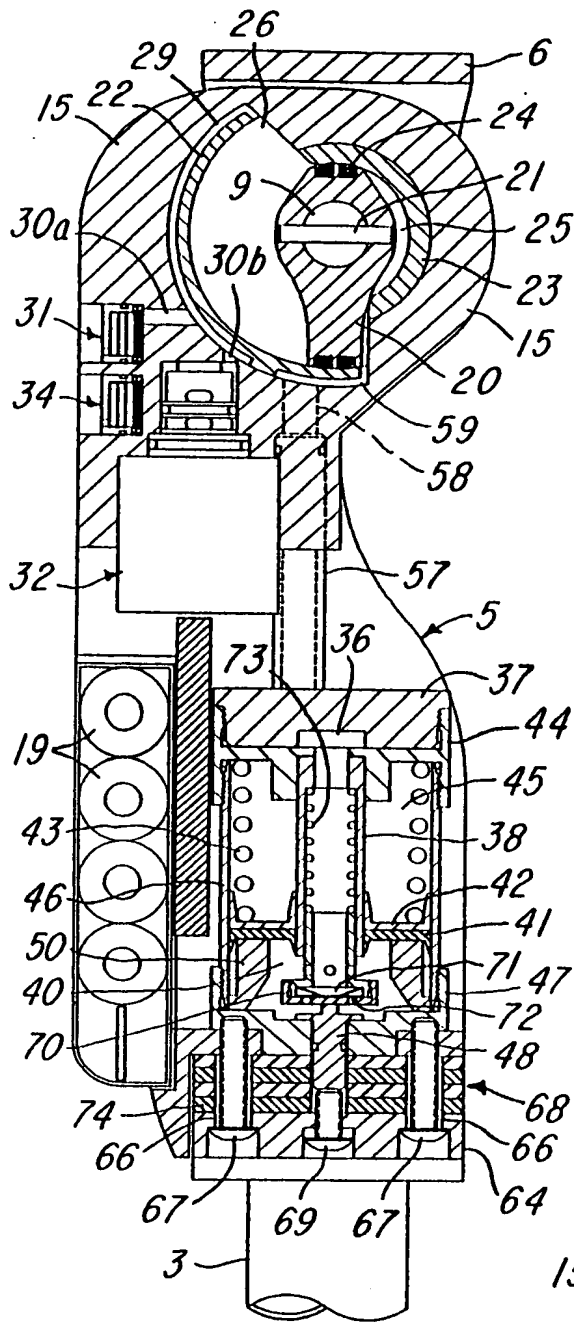


FIG-6

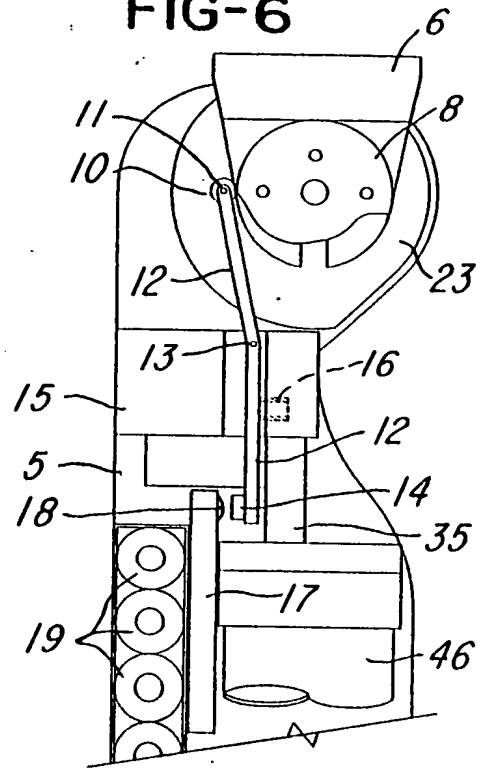


FIG-7

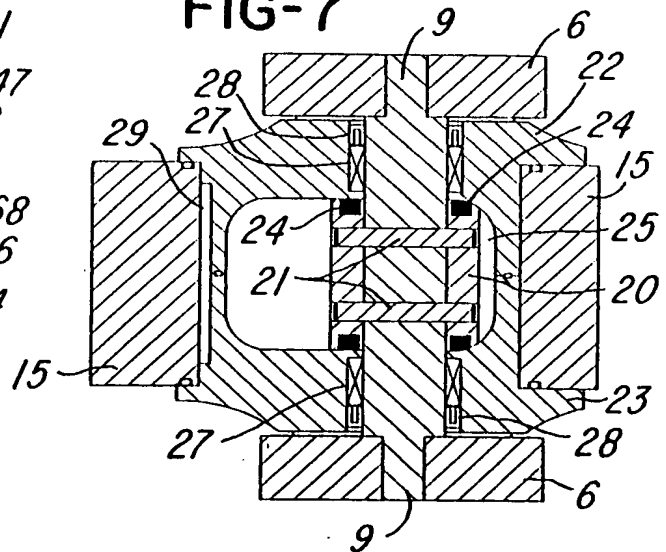


FIG-8

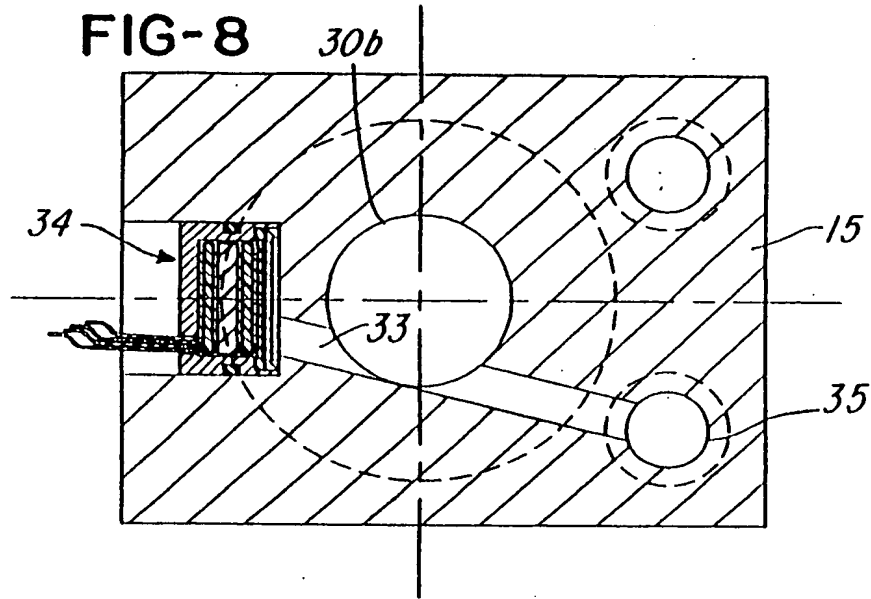


FIG-9

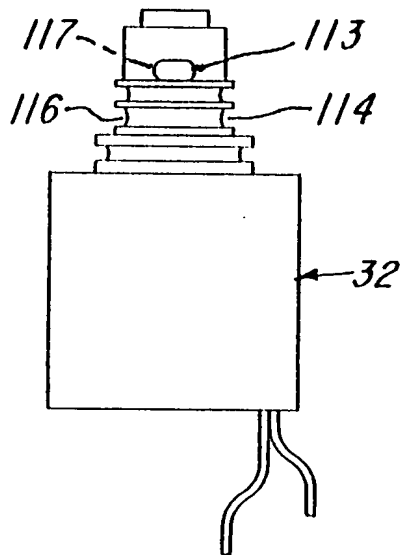


FIG-10

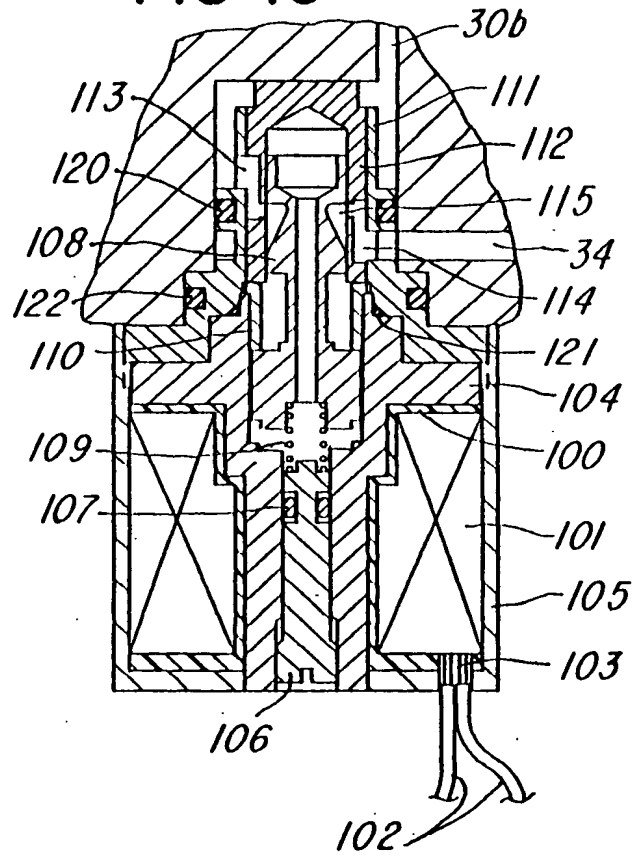


FIG-11A

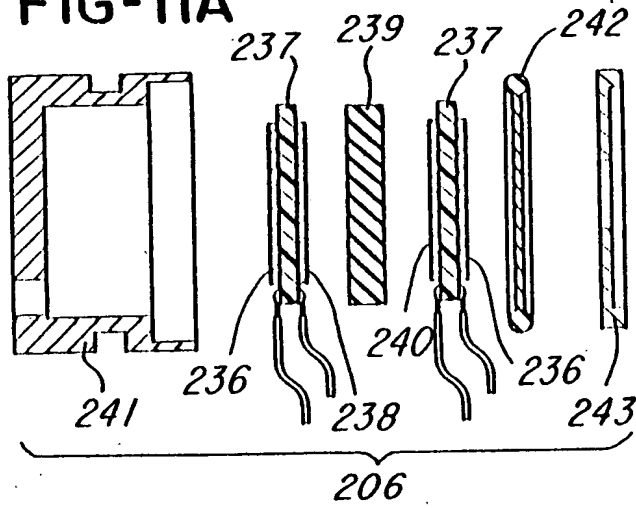


FIG-11B

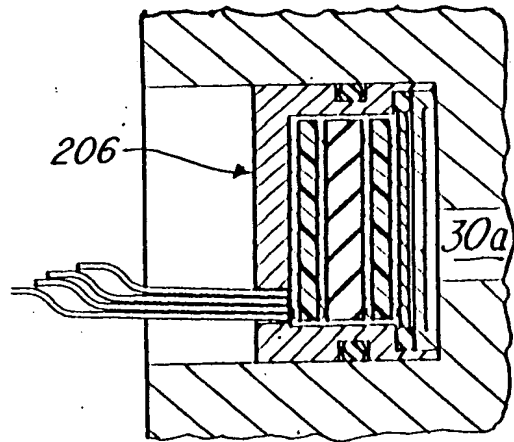


FIG-12A

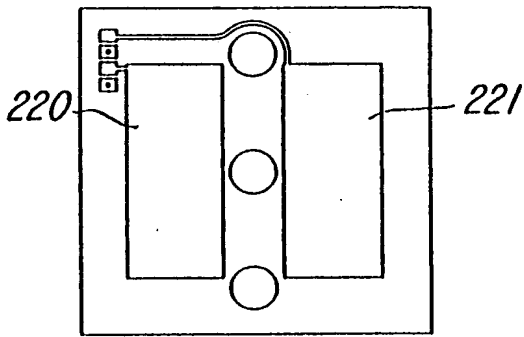


FIG-12B

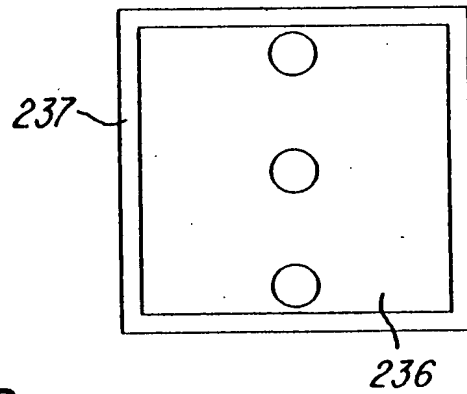


FIG-12C

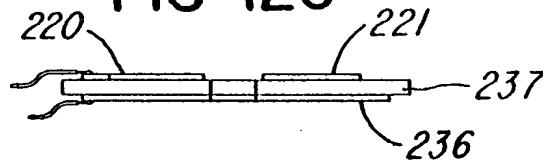


FIG-12D

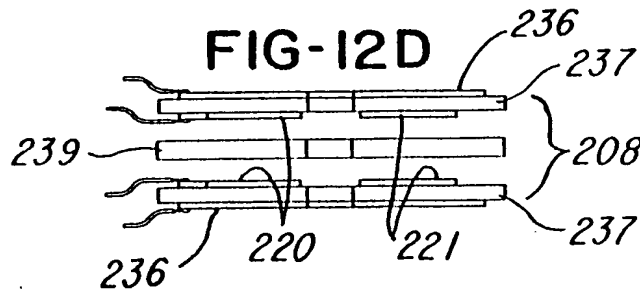


FIG-13A

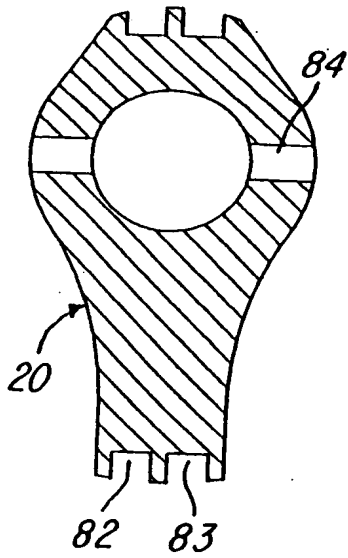


FIG-13B

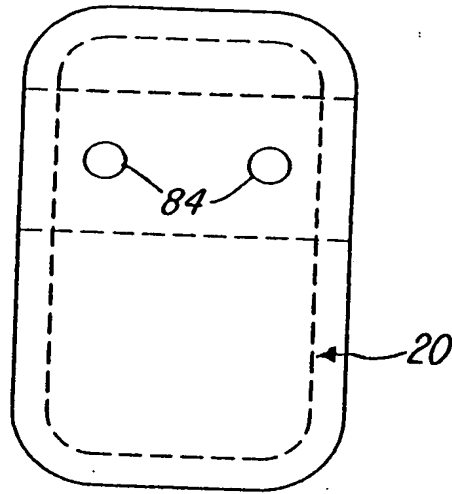


FIG-13C

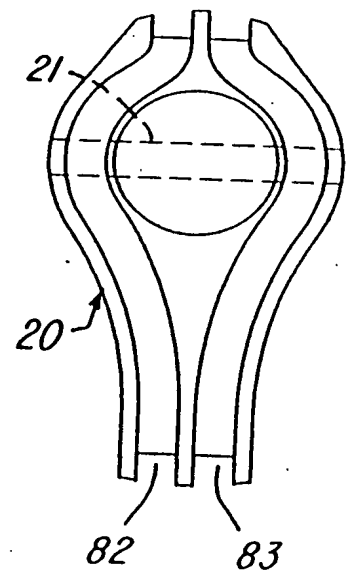
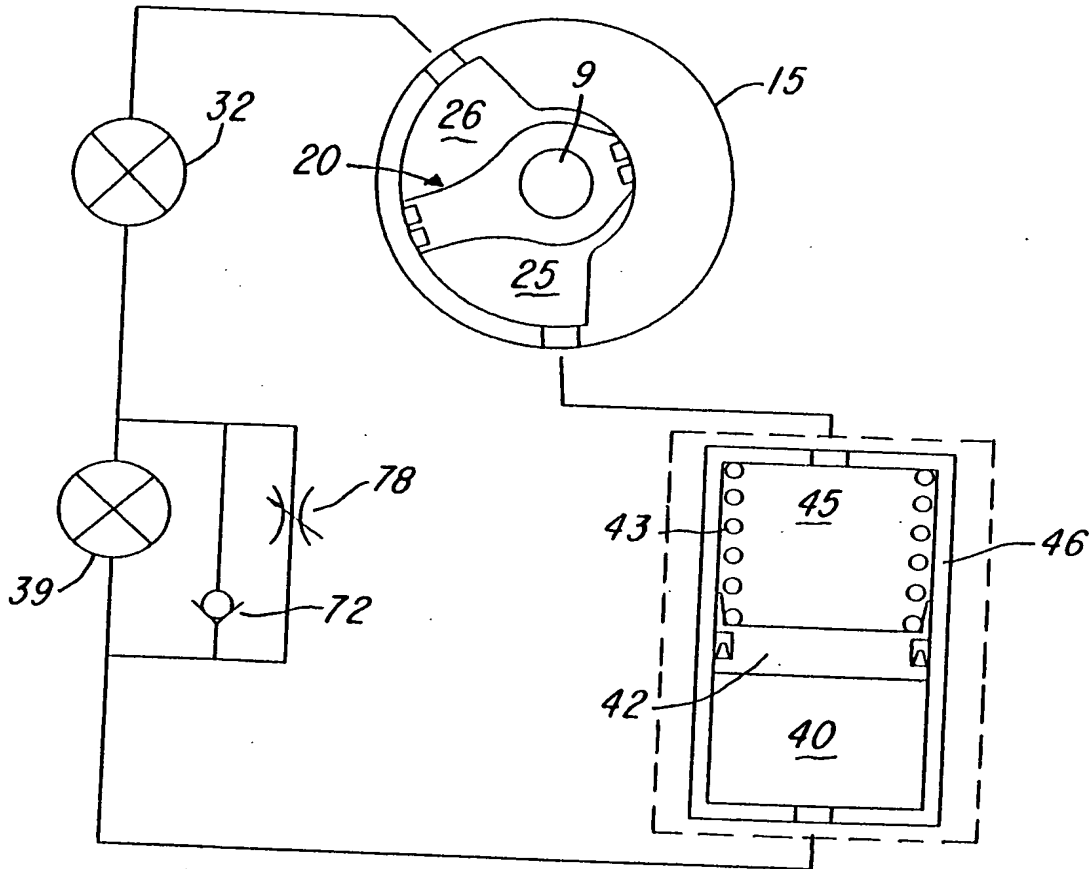
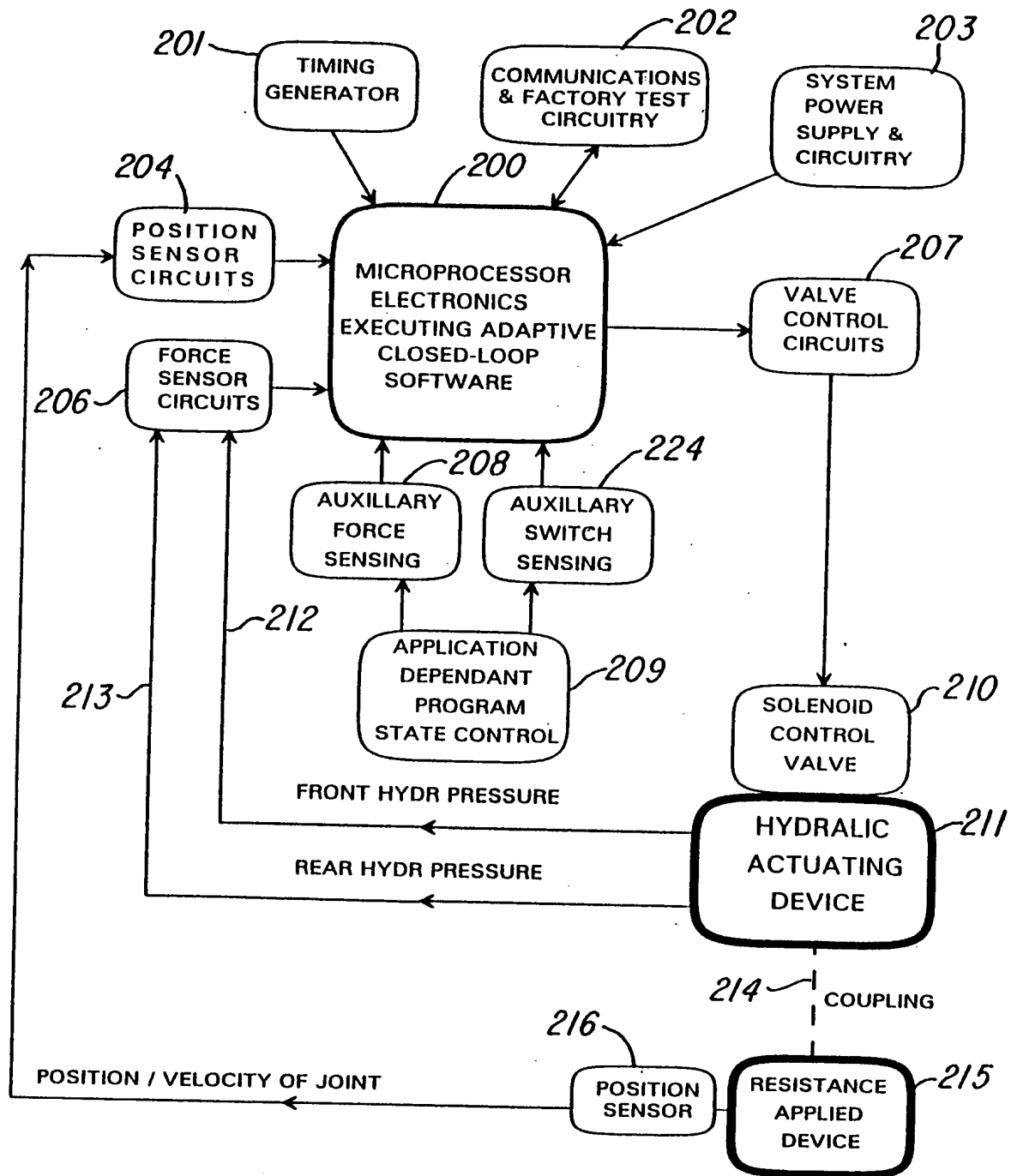


FIG-14



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FIGURE 15



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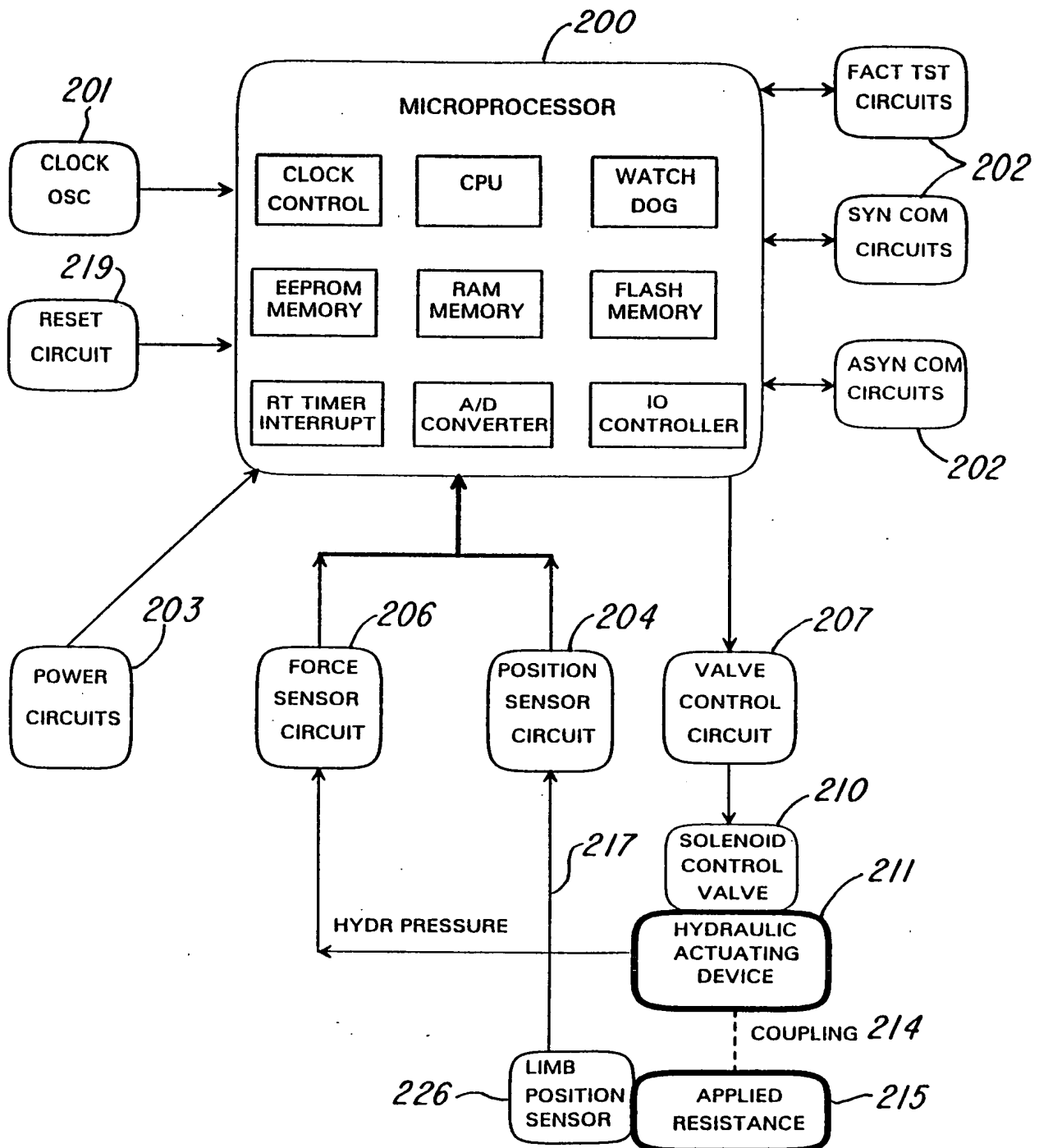


FIGURE 17

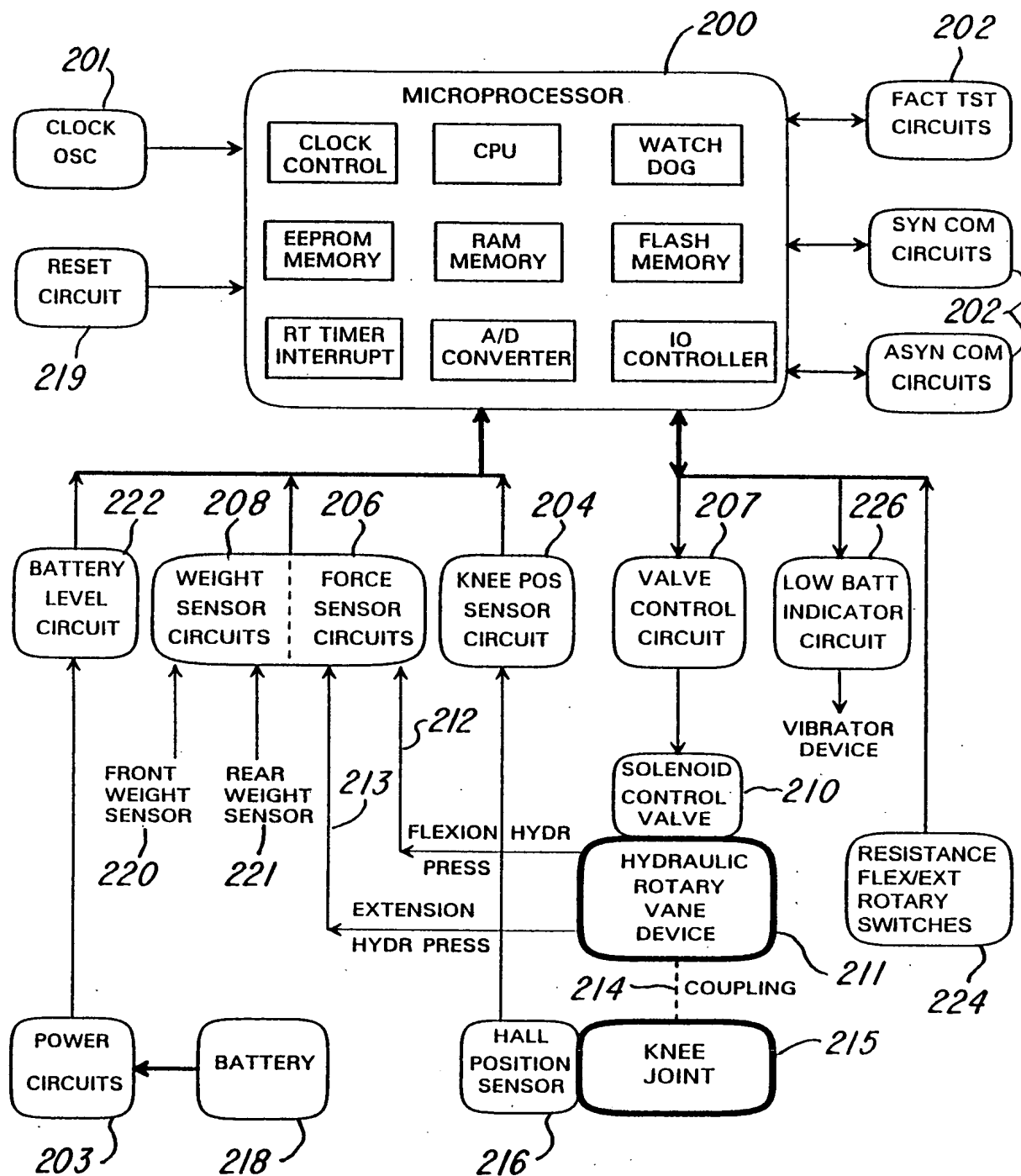


FIGURE 18

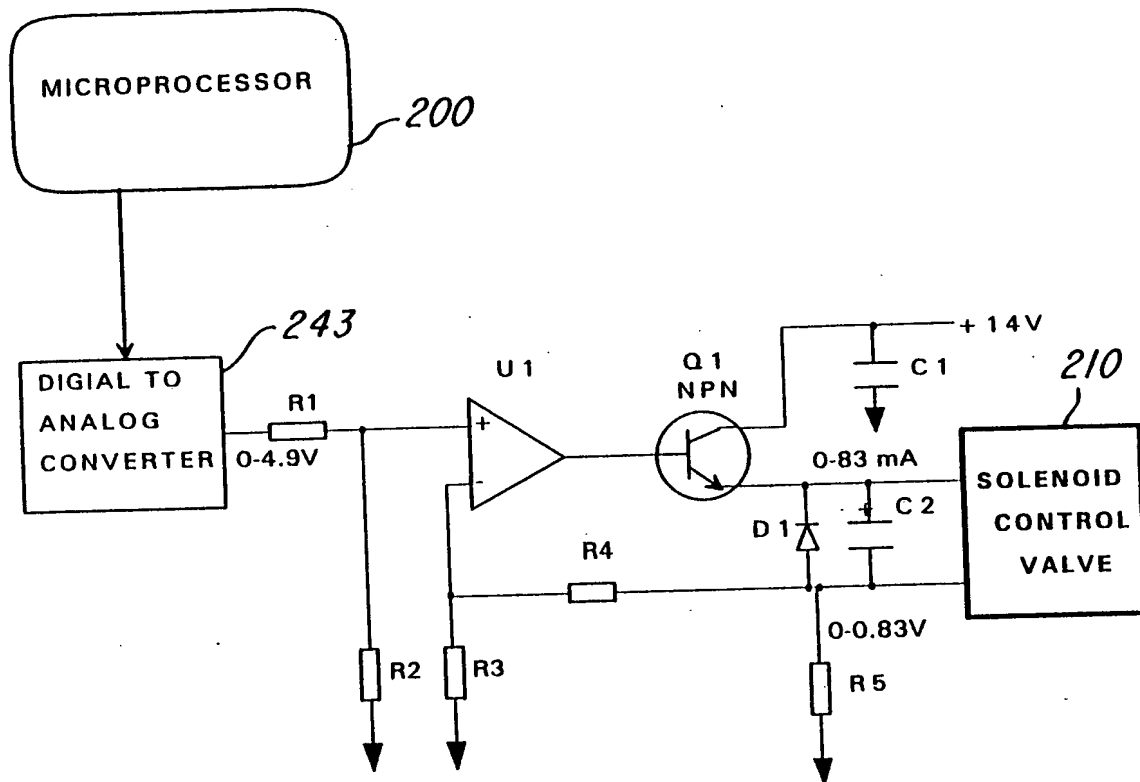


FIGURE 19

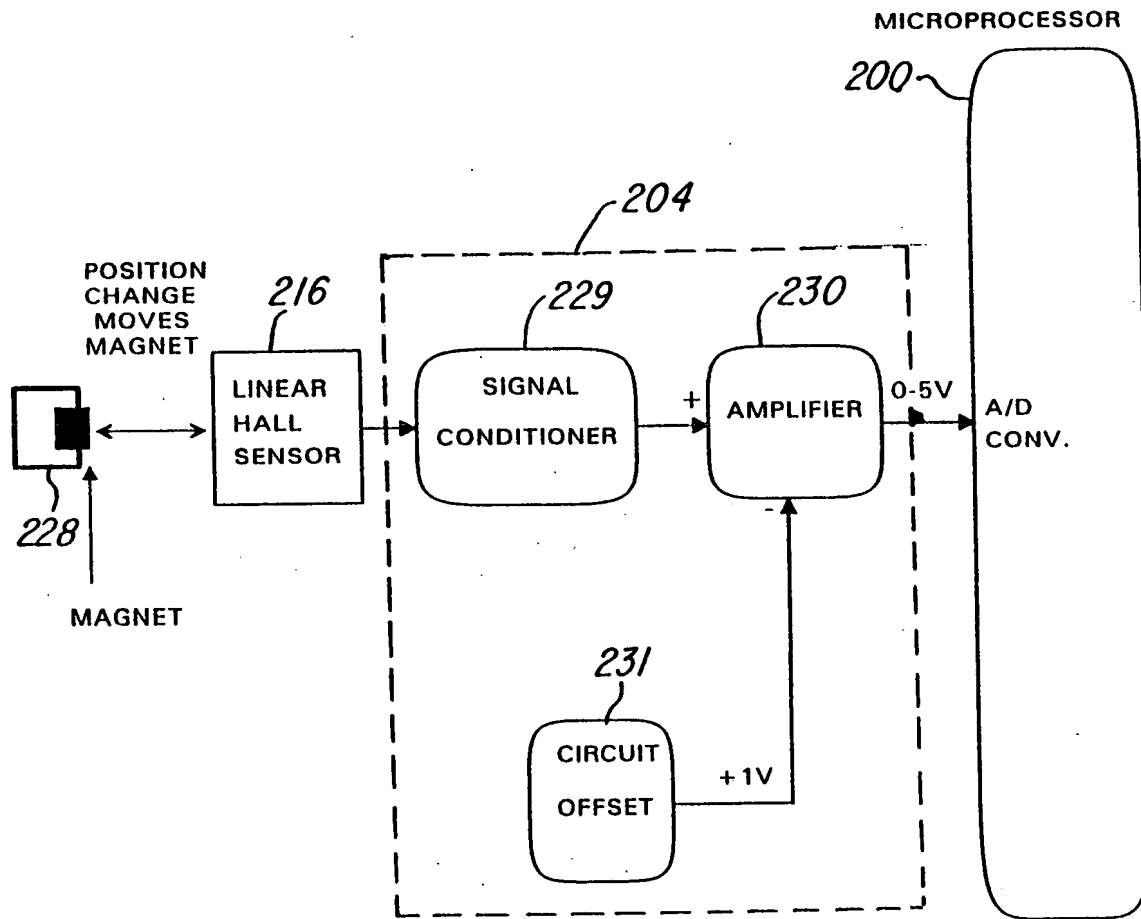


FIGURE 20

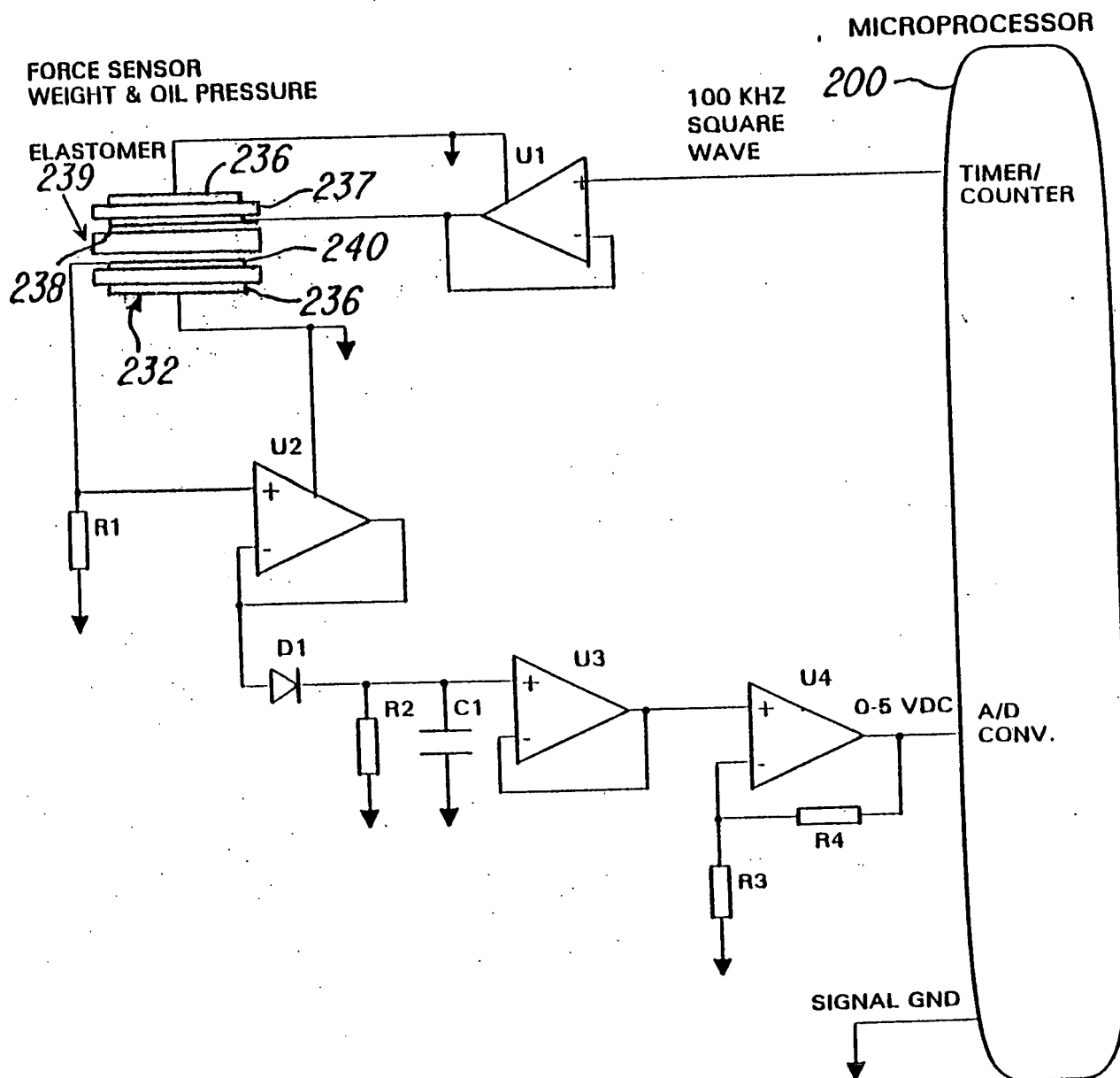


FIGURE 21

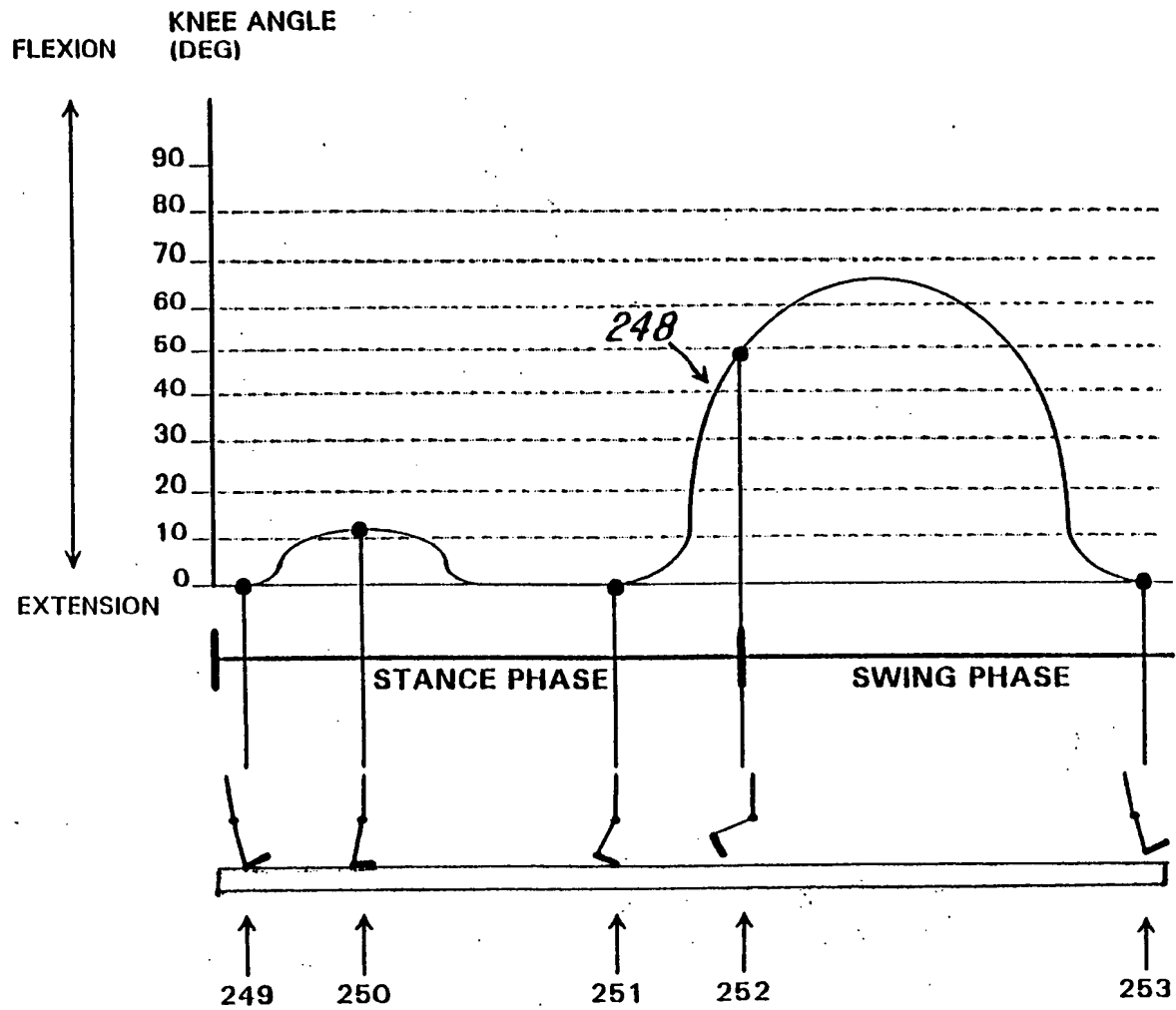
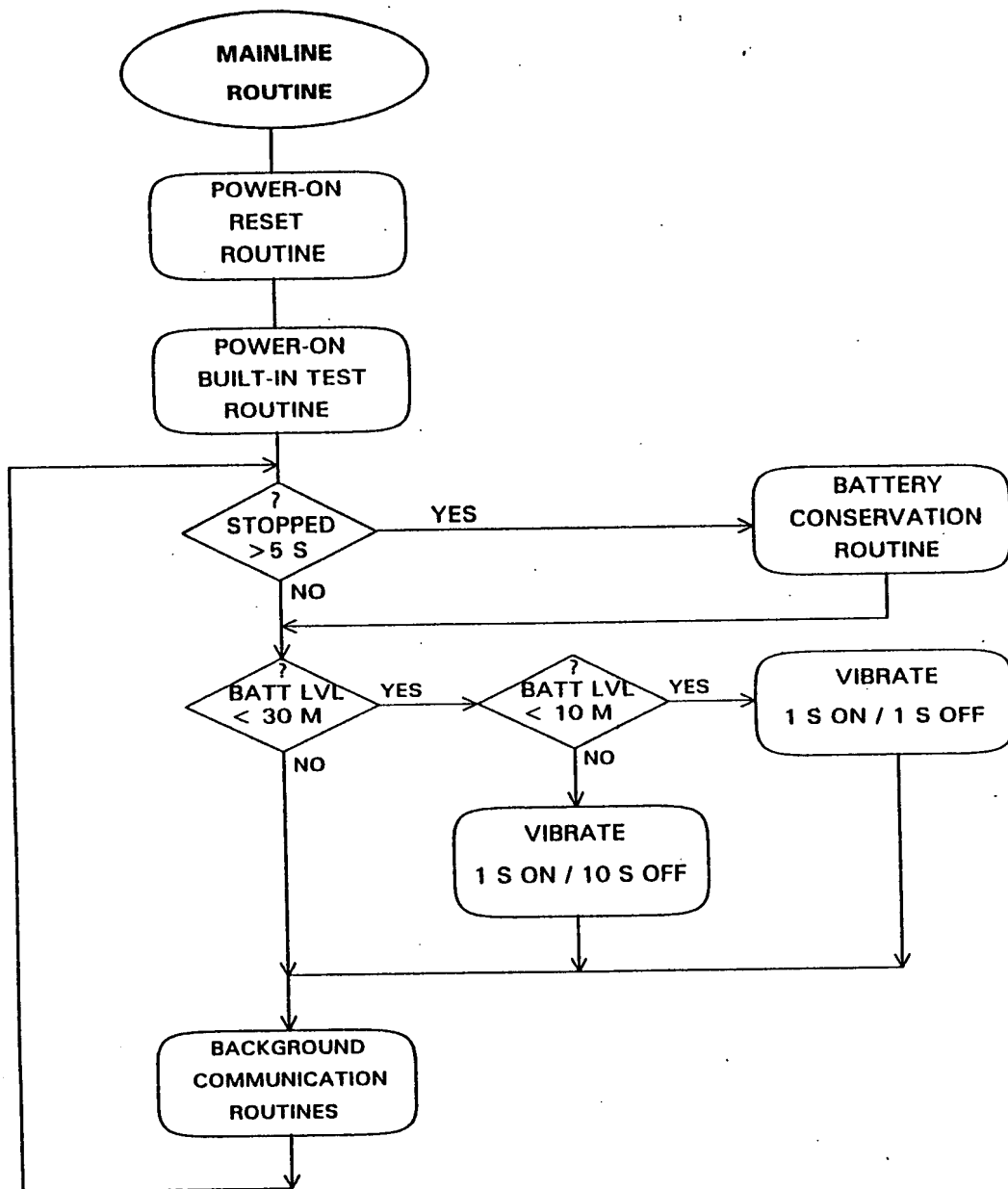
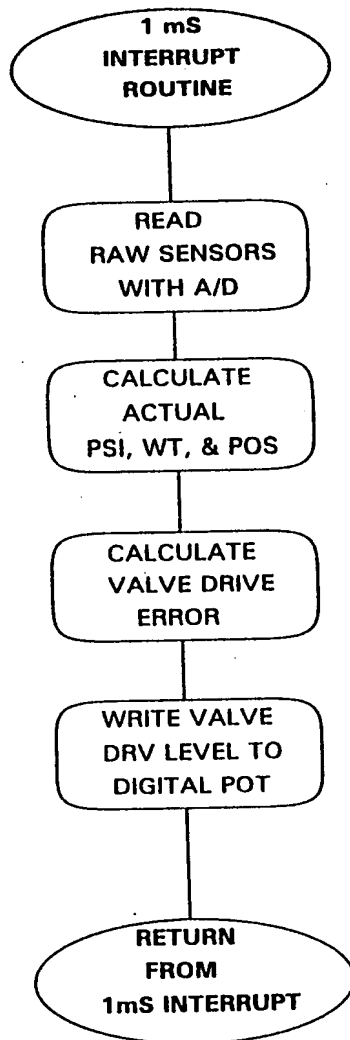


FIGURE 22



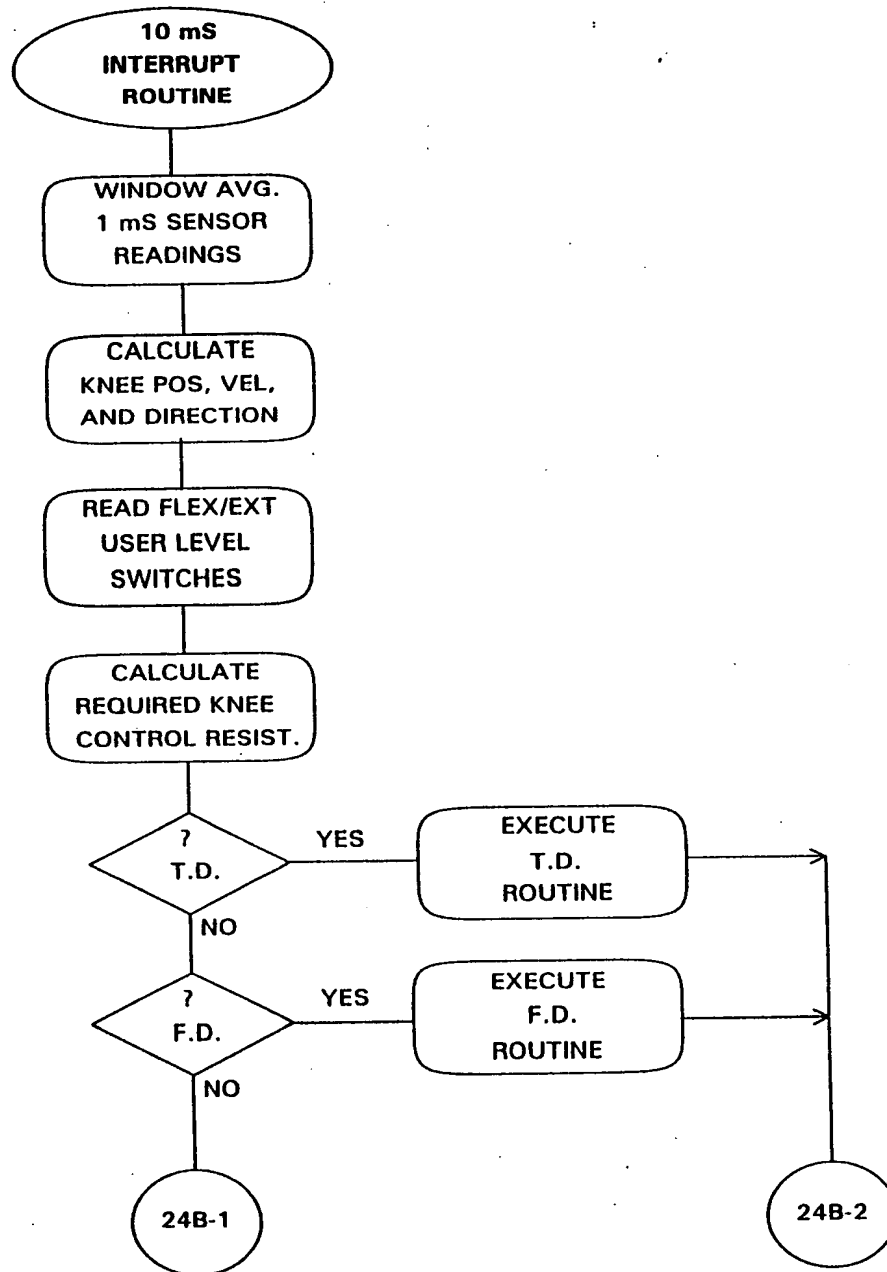
26077" E268T60

FIGURE 23



B60TT"EE26BT60

FIGURE 24A



96077" E263T60

```

graph TD
    24B-1((24B-1)) --> D1{? DOWN STAIRS}
    D1 -- YES --> DS[DOWN STAIRS ROUTNE]
    D1 -- NO --> D2{? STUMBLING}
    D2 -- YES --> SR[Safety Recovery ROUTINE]
    D2 -- NO --> C[Calculate BEST INITIAL VALVE LEVEL]
    DS --> 24B-2((24B-2))
    SR --> 24B-2
    24B-2 --> C
    C --> W[WRITE LEVEL TO VALVE CONTROL REGISTER]
    W --> R([RETURN FROM 10 mS INTERRUPT])
  
```


FIGURE 25A

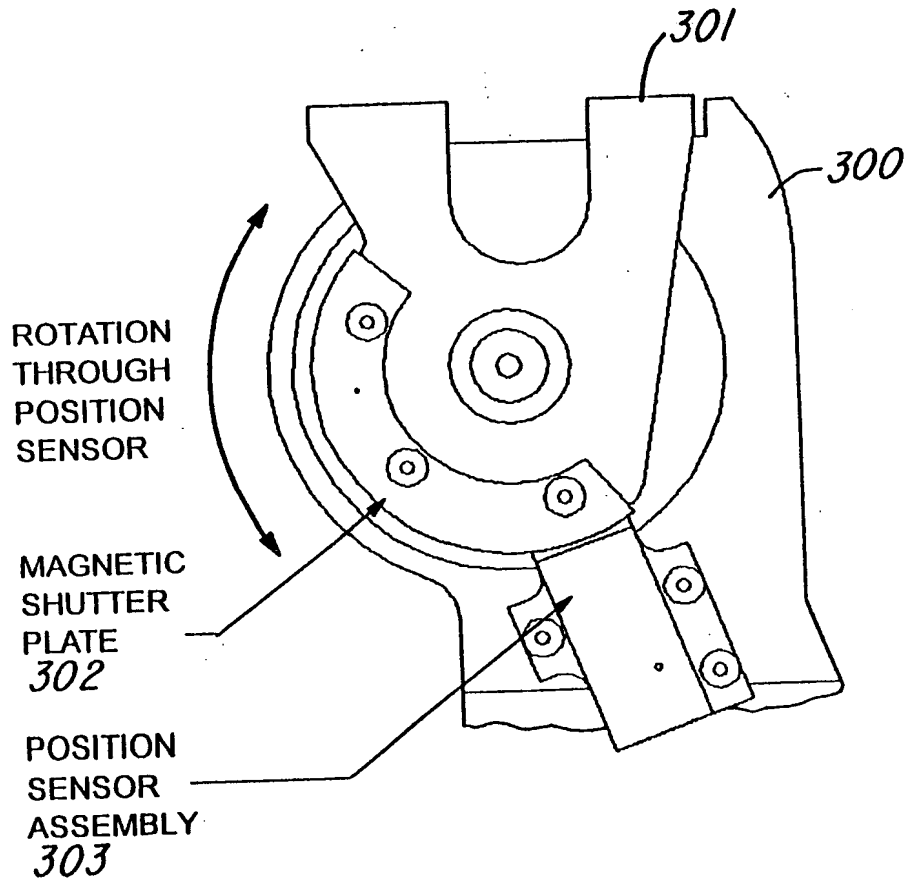


FIGURE 25B

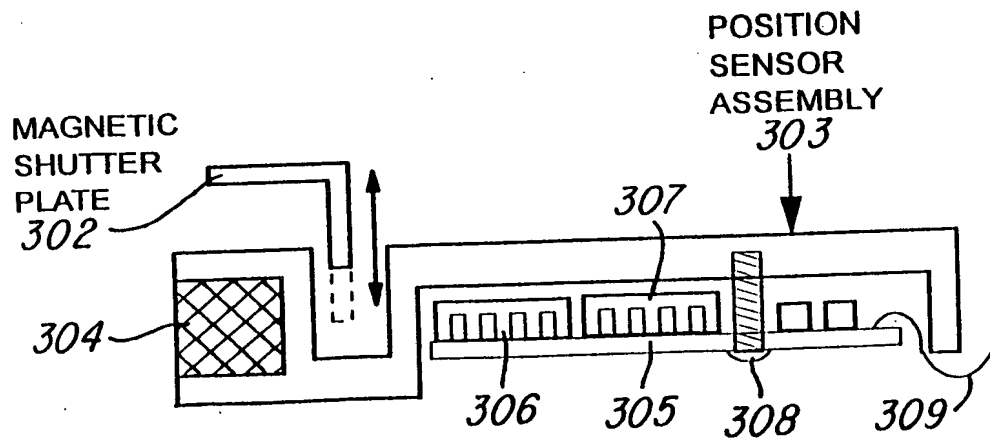


FIGURE 26

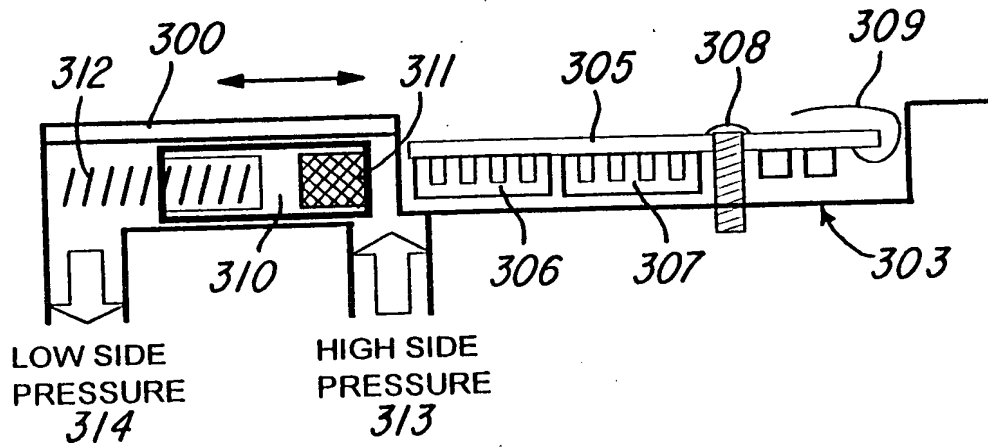


FIGURE 27

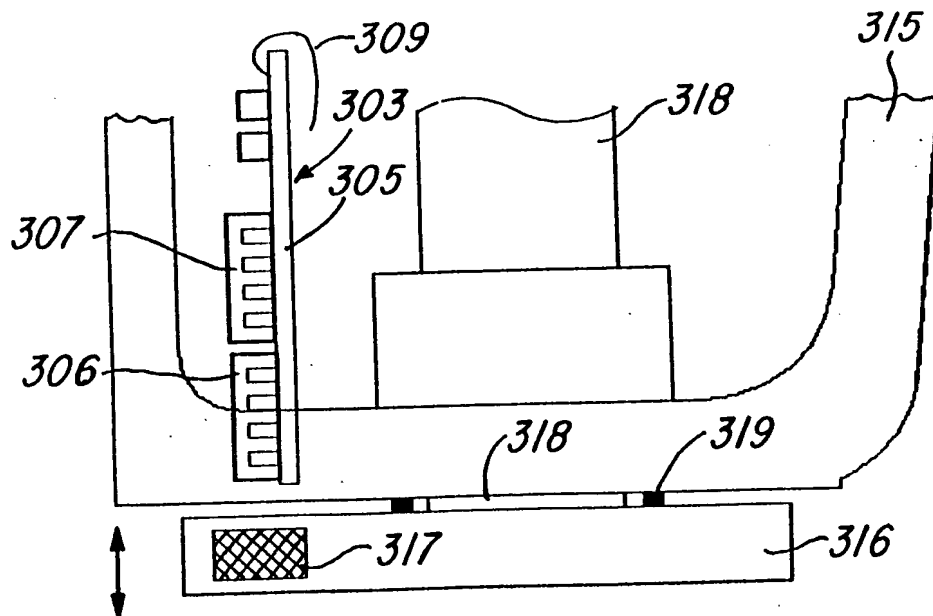
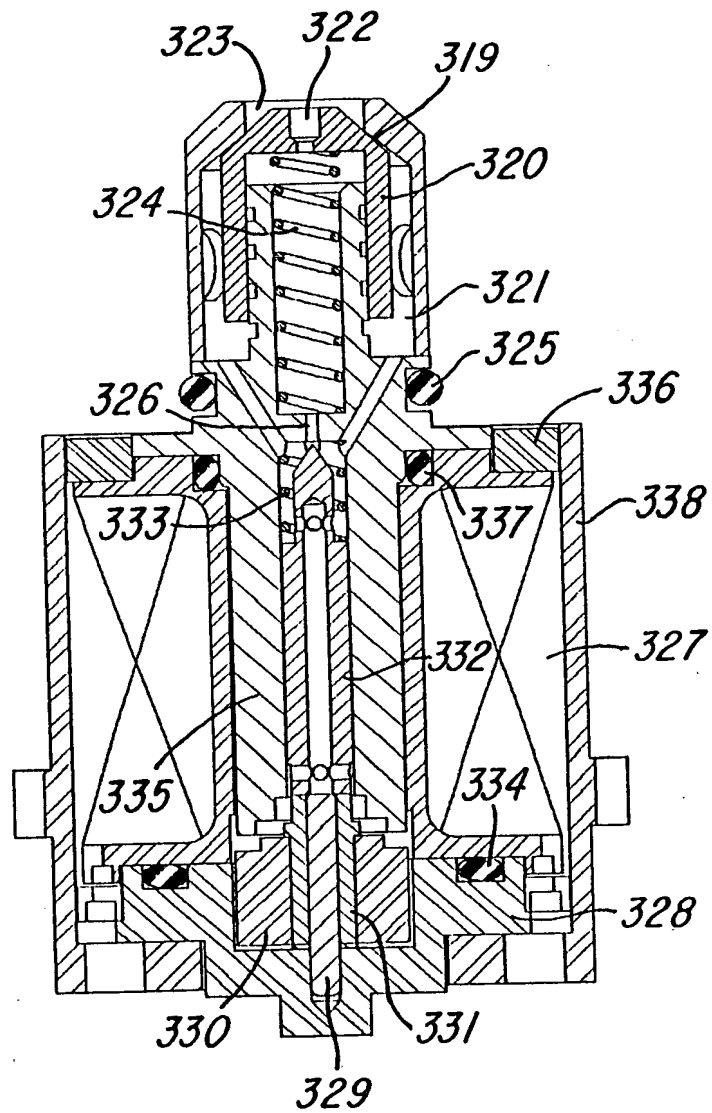


FIGURE 28



0918933-11098

FIGURE 29

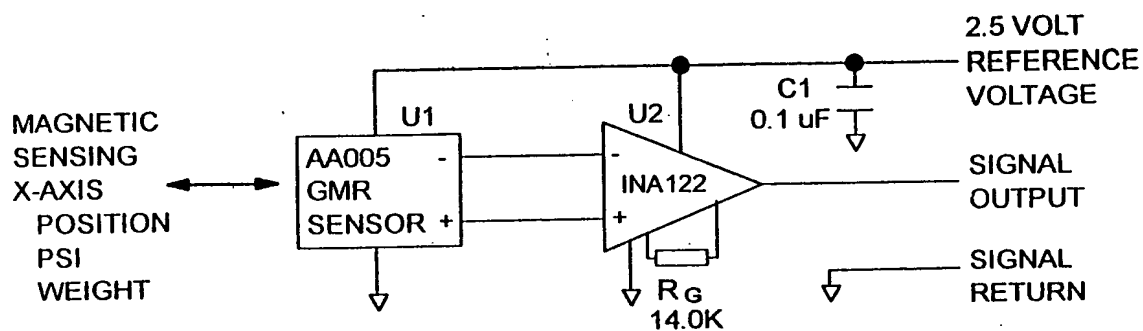


FIGURE 30

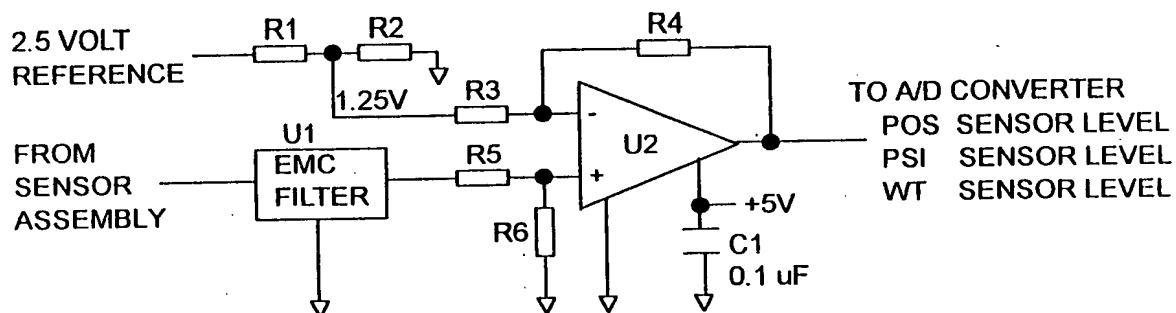
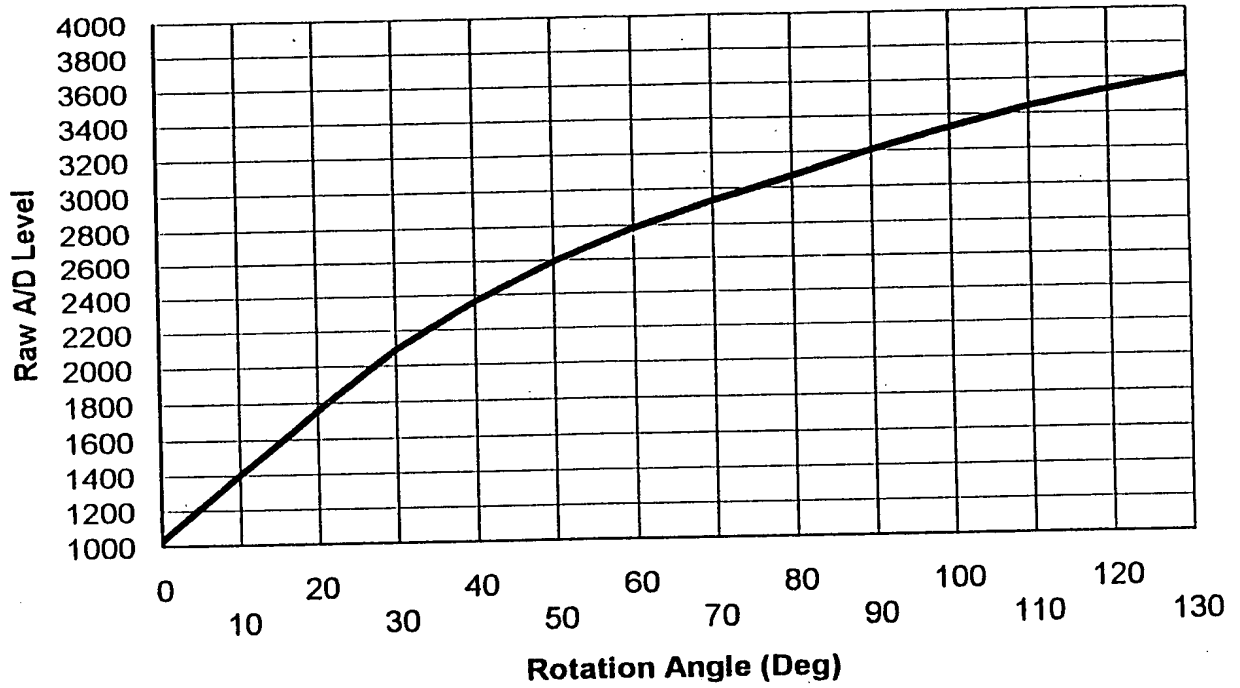


FIGURE 31**Position Sensor Characteristics**

860TF"EE268T60